



# Security Camera

Indoor/Outdoor Color Camera w/ Night Vision

ACCESSORY - CAMERA



## INSTRUCTION MANUAL

Version 1.0



**Wired**

Model#  
VU5

[www.svat.com](http://www.svat.com)



# NEED HELP?

## DO NOT RETURN THIS PRODUCT TO THE STORE

Please contact a SVAT customer support representative first regarding any additional information on product features, specifications or help with set-up.

Please contact us via one of the methods below:



Email:  
**support@svat.com**

Online live web chat:  
**Visit [www.svat.com](http://www.svat.com)**



Toll free telephone:  
**1.866.946.7828**

Toll free fax:  
**1.888.771.1701**

For more product information visit **[www.svat.com](http://www.svat.com)**

Note: This is manual version 1.0 for this product, you may find updated versions by visiting our website

# PRODUCT WARRANTY & REGISTRATION

Please visit our website at [www.svat.com](http://www.svat.com) to apply for your product's warranty registration.

The warranty registration form is located under the support tab on the SVAT website.

We take quality very seriously. This is why all of our products come with a one year warranty from the original purchase date against defects in workmanship and materials.

If you have warranty or support issues please contact us using any of the following methods:

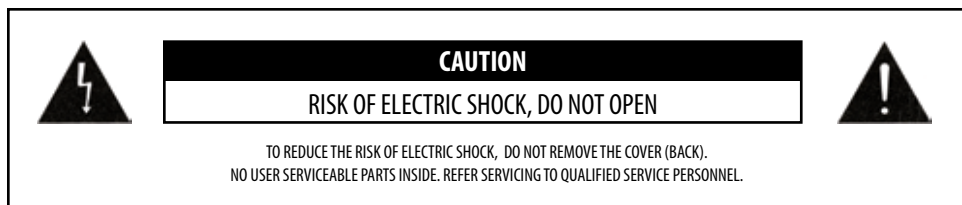
SVAT Electronics USA  
2315 Whirlpool St., Unit 333  
Niagara Falls, New York  
USA 14305

SVAT Electronics Canada  
4080 Montrose Road  
Niagara Falls, ON  
Canada L2H 1J9

Phone: 866.946.7828  
Fax: 888.771.1701  
Email: [support@svat.com](mailto:support@svat.com)  
Website: [www.svat.com](http://www.svat.com)

## Warranty Terms

1. SVAT products are guaranteed for a period of one year from the date of purchase against defects in workmanship and materials. This warranty is limited to the repair, replacement or refund of the purchase price at SVAT's option.
2. When service is required, the warranty is validated by the submission of a fully completed warranty card.
3. This warranty becomes void if the product shows evidence of having been misused, mishandled or tampered with contrary to the applicable instruction manual.
4. Routine cleaning, normal cosmetic and mechanical wear and tear are not covered under the terms of this warranty.
5. The warranty expressly provided for herein is the sole warranty provided in connection with the product itself and no other warranty, expressed or implied is provided. SVAT assumes no responsibilities for any other claims not specifically mentioned in this warranty.
6. This warranty does not cover the shipping cost, insurance or any other incidental charges.
7. You MUST call SVAT before sending any product back for repair. You will be given a Return Authorization number. When returning the product for warranty service, please pack it carefully in the original box with all supplied accessories, and enclose your original receipt or copy, and a brief explanation of the problem (include RA #).
8. This warranty is valid only in Canada and the U.S.A.
9. This warranty card cannot be re-issued.



## Graphic Symbol Explanation



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of insinuated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating maintenance (servicing) instructions in the literature accompanying the appliance.

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## WHAT IS INCLUDED



1 Indoor/Outdoor Night Vision Color Camera



2 Window Warning Stickers



60ft 4 PIN DIN to RCA (male) Video/Power Wire

- BNC to RCA Connector
- Power Adapter for Camera
- 1 Year Warranty
- Instruction Manual
- Online/Toll Free Support
- Mounting Hardware

## CAMERA FEATURES AND FUNCTIONS



### CMOS Cameras

1. Sun Shield helps prevent glare from bright lights.
2. Infrared (IR) LEDs - Allow the camera to see in the dark up to 15ft away.
3. CDS Sensor turns on the infrared LEDs when it gets dark out.
4. Camera Housing made of treated metal to prevent rust.
5. Camera Mount allows the camera to be desk or wall mounted.
6. Connection to Video / Power Wire - Converts to RCA from 4 PIN DIN.

## IMPORTANT INFORMATION

While this camera is weatherproof, it is not waterproof. Please do not install it in areas that receive direct rain or under eaves trough draining spots. Do not cut the DC power cable of this camera to fit with another power source. Do not cut the video connection wire to fit with a different video connection type. Any unauthorized modifications will void your warranty.

## INSTALLATION

### THINGS TO CONSIDER BEFORE YOU INSTALL YOUR CAMERA

- The camera should be installed between 8 and 13ft above the area to be monitored.
- Ensure there are no obstructions in the camera's view, to maximize viewing area.
- Ensure that the sunshade is positioned to avoid glare and position camera away from direct sunlight.
- Decide whether the camera will be wall-mounted or sit on a desk/table top. If wall mounting, use the mounting hardware in the package. We recommend that the mounting bracket is secured using the included screws for all installations.
- This camera comes with 60ft of video/power wire. Please make sure that you mount the cameras no more than 60ft from the TV/monitor/VCR/DVR.
- We recommend using a surge protected power bar to protect the cameras internal circuitry.

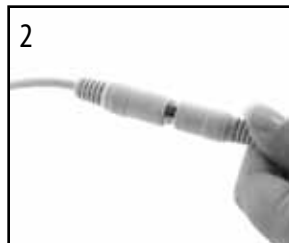
## MOUNTING



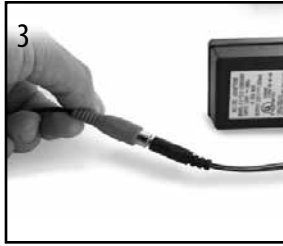
1. Screw the mounting bracket into the camera's mounting hole, turning it clockwise.
2. Mount the camera in the desired location no more than 60 feet from the TV/Monitor/VCR/DVR unless you have purchased additional wiring. You may wall mount or desk mount these cameras.
3. Adjust cameras to the desired viewing angles.

## STEP BY STEP

1. Plug the 4 PIN DIN female connection on the camera into the 4 PIN DIN male connection on the 60ft video/power wire.
2. Match the two arrows on top of both connecting cables.



3. Plug the camera's power supply into the power jack located on the 60ft video/power wire.
4. Plug the camera's power adapter into an AC outlet.
5. Connect the 60ft video/power wire's male RCA plug to the VIDEO IN port of your TV/monitor/VCR/DVR.
6. If your VIDEO IN port is a BNC connection (common with DVR units), you will need to attach the BNC to RCA adapter before connecting the camera.



## TROUBLESHOOTING



Before contacting technical support, please use follow the troubleshooting tips below for solutions to common problems

<p><b>No picture/signal:</b></p>	<ul style="list-style-type: none"> <li>- Make sure your TV/monitor is on the correct video input channel. This is NOT channel 3. Common terms for this channel is INPUT, AV CHANNEL, LINE 1, LINE 2 and AUX. Please use your TV or VCR manual to correctly identify this channel.</li> <li>- If your camera is connected to a VCR/DVR, make sure that it is properly connected to your TV/monitor.</li> <li>- Check all connections to make sure they are secure and properly connected.</li> <li>- Check your power supply to ensure that the camera is powered up.</li> </ul>
<p><b>Picture is too bright:</b></p>	<ul style="list-style-type: none"> <li>- Make sure your camera is not aimed at direct sunlight.</li> <li>- Adjust the sunshade by sliding it forwards to block out excess light.</li> <li>- Make sure nothing is obstructing the CDS sensor on the camera. If the CDS sensor is blocked, night vision mode will be active and may produce extra light in your camera's picture.</li> <li>- Move your camera to another location.</li> </ul>
<p><b>Picture is too dark:</b></p>	<ul style="list-style-type: none"> <li>- If using at night, make sure your camera's subject is no more than 15ft away (may vary based on amount of ambient light available).</li> <li>- If using during the day, your camera may not be getting enough light. Adjust the sunshade by sliding it backwards to let in more light.</li> <li>- Check the brightness and contrast settings on your TV/monitor</li> <li>- If your camera is connected to a VCR/DVR, check the brightness and contrast settings on the VCR/DVR</li> <li>- Move your camera to another location.</li> </ul>
<p><b>Night Vision is not working:</b></p>	<ul style="list-style-type: none"> <li>- The night vision turns on automatically when light levels drop. Try the camera in a pitch black setting. The area that it is in may have too much light and may not activate the sensor.</li> <li>- Cup your hands around the front of the camera and look at the LEDs. They should be glowing red. If they are not check the power supply.</li> </ul>

## INDOOR/OUTDOOR CAMERA

Camera Type.....	Bullet
Image Sensor.....	1/4" Color Sharp CMOS
Resolution.....	400 TV Lines
Outdoor Use.....	Yes
IP Rating.....	IP55
Focal Length.....	6.0mm
Focus Type.....	Fixed
Night Vision.....	Yes
Number of IR LEDs and Range.....	11, up to 20ft
IR LED Control.....	Automatic (CDS Sensor)
Min. Illumination.....	0 lux
IR Wavelength.....	850nm
Video Output.....	4 PIN DIN
TV System.....	NTSC
Microphone.....	No
Motion Detection.....	No
Viewing Angle.....	65 Degrees
Electronic Shutter.....	1/60 ~ 1/100000 sec
BLC.....	No
AGC.....	Automatic
ELC.....	Automatic
White Balance.....	Automatic
Sun Shield.....	Yes
IR Cut Filter.....	Yes
Housing Material.....	Anodized Aluminum
Housing Color.....	Platinum Silver
Signal/Noise Ratio.....	>48dB
Camera Bracket.....	Yes
Operating Temperature.....	14°F ~ 140°F
Operating Humidity.....	95%
Camera Power Input.....	DC 12V 200mA
Power Adapter Input.....	120V 60Hz
LED Power Indicator.....	No
Dimensions.....	3.125" x 2" x 4.375" (with stand)
Weight.....	0.6 lbs (with stand)

# NOTES

## Customer Information Card

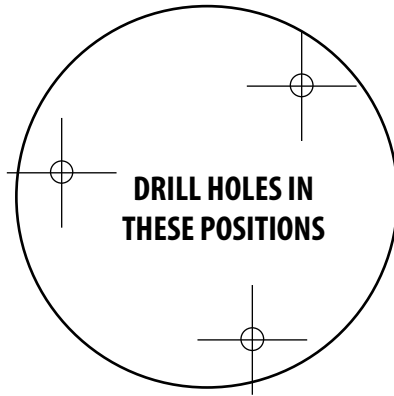
User's Name:	
Company Name:	
Address:	
Postal Code:	
Phone Number:	
Email:	
Model Number of Product:	
Serial Number of Product:	
Purchase Date:	
Place of Purchase:	

**NOTE: We recommend that you keep a record of your purchase receipt with your manual for any future returns or support issues.**



## DRILLING TEMPLATE

To wall mount the camera, drill three holes using a 3/16" drill bit and the template below. Insert supplied wall anchors into holes and secure camera to wall with supplied screws.



# VISIT US ON THE WEB!

Product Information

Specification Sheets

User Manuals

Software Updates

Quick Start Guides

Firmware Upgrades

[www.svat.com](http://www.svat.com)

## Disclaimer

SVAT does not endorse any of SVAT products for any illegal activities. SVAT is not responsible or liable in any way shape or form for any damage, vandalism, theft or any other action that may occur while a SVAT product is in use by the purchaser.



**Wired**

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